

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A ~~networked~~ health information monitoring system, comprising:

i) ~~at least once~~ a central server configured to receive ~~and communicate~~ health-related data;

5 ii) ~~at least one microprocessor device~~ a monitoring device (i) for monitoring a condition indicative of a physical well-being of a person and for producing digitally encoded health signals representative of said monitored condition, (ii) being located near said person and (iii) being remotely located from said
10 server;

iii) a programmable microprocessor-based interactive unit that is (a) separate from said monitoring device, (b) located near said person, and (c) located remotely from said server, said programmable microprocessor-based interactive unit including a
15 microprocessor, a video display configured to display pictorial, symbolic, graphic and alphanumeric information, a plurality of switches operable for interactively controlling said programmable microprocessor-based interactive unit and for manipulating information displayed on said video display, and a memory, and
20 configured into a monitoring device that functions to: prompt a user to enter food intake information, receive the entered food intake information, said memory tangibly embodying therein a

program of instructions executable by said programmable
microprocessor-based interactive unit, said program of instructions
25 including instructions for displaying information on said video
display in an interactive manner and ~~cause~~ causing communication of
~~data related to the entered food intake~~ information to the central
server; and

~~iii) at least one health care computer, remotely located~~
30 ~~from and~~ iv) a signal interface connectable in signal communication
~~with the central server to receive health related data based on the~~
~~food intake information related data received from the~~
~~microprocessor device~~ said programmable microprocessor-based
interactive unit and said monitoring device for coupling said
35 digitally encoded health signals supplied by said monitoring device
to said programmable microprocessor-based interactive unit.

2. (CURRENTLY AMENDED) The system of claim ~~1~~ 44,
wherein the ~~user can enter food intake~~ programmable microprocessor-
based interactive unit receives user information in quantitative
units.

3. (CURRENTLY AMENDED) The system on claim ~~2~~ 44,
wherein the ~~user can enter food intake~~ programmable microprocessor-
based interactive unit receives user information in terms of
exchange units or other suitable terms.

4. (CURRENTLY AMENDED) The system of claim 2 44, wherein the ~~user can enter food intake~~ programmable microprocessor-based interactive unit receives user information by selecting ~~food intake~~ a menu item using a menu display.

5. (CURRENTLY AMENDED) The system of claim 2 44, wherein the data related to the entered ~~food intake~~ user information includes time-related data.

6. (CANCELED).

7. (CURRENTLY AMENDED) The system of claim 6 1, wherein the ~~microprocessor device~~ programmable microprocessor-based interactive unit is a handheld device.

8. (CURRENTLY AMENDED) The system of claim 7 1, wherein the ~~microprocessor device~~ programmable microprocessor-based interactive unit is a ~~handheld~~ portable computer.

9. (CANCELED).

10. (CURRENTLY AMENDED) The system of claim 2 1, wherein the memory includes a removable cartridge.

11. (CURRENTLY AMENDED) The system of claim 2 1, wherein the system can process health related data into at least one report.

12. (ORIGINAL) The system of claim 11, wherein the report includes graphs and/or icons.

13. (ORIGINAL) The system of claim 11, wherein the report reflects data for a period of time.

14. (CURRENTLY AMENDED) The system of claim 2 1, wherein the system is configured to transmit at least one message for display on at least one ~~microprocessor device's~~ said video display.

15. (ORIGINAL) The system of claim 14, wherein the message includes step-by-step instructions.

16. (ORIGINAL) The system of claim 14, wherein the message is educational or motivational.

17. (ORIGINAL) The system of claim 14, wherein the system is configured to cause the message to be transmitted to a specific patient.

18. (CURRENTLY AMENDED) The system of claim 2 1,
wherein the system is further configured to enable programs to be
provided from the server for storage in ~~a~~ the memory of and
execution by at least one ~~microprocessor device~~ programmable
5 microprocessor-based interactive unit.

19. (CURRENTLY AMENDED) A method of remotely receiving
~~and communication~~ health-related data, comprising:

(i) using at least one central server to receive ~~and~~
~~communicate~~ health-related data;

5 (ii) using a monitoring device and at least one
~~microprocessor device~~ programmable microprocessor-based interactive
unit that is separate from said monitoring device, wherein said
programmable microprocessor-based interactive unit includes ~~a~~
~~microprocessor~~, a video display configured to display pictorial,
10 symbolic, graphic and alphanumeric information, a plurality of
switches operable for interactively controlling said programmable
microprocessor-based interactive unit and for manipulating
information displayed on said video display, and a memory, said
memory tangibly embodying therein a program of instructions
15 executable by said programmable microprocessor-based interactive
unit, said program of instructions including instructions for
displaying information on said video display in an interactive
manner to prompt a user to enter food intake information, receive

~~the entered food intake information, and communicate data related~~
20 ~~to the entered food intake~~ communicating information to the central
server, ~~and~~

~~— (iii) — receiving health related data based on the food~~
~~intake information-related data, receive from the microprocessor~~
~~device, at least one health care professional computer remotely~~
25 ~~located from and in signal communication with the central server.~~

20. (CURRENTLY AMENDED) The method of claim ~~19~~ 46,
wherein the user enters ~~food intake~~ user information in
quantitatively defined units.

21. (CURRENTLY AMENDED) The method of claim ~~20~~ 46,
wherein the user enters ~~food intake~~ user information in terms of
exchange units or other suitable terms.

22. (CURRENTLY AMENDED) The method of claim ~~20~~ 46,
wherein the user enters ~~food intake~~ user information by selecting
a ~~food intake~~ menu item using a menu display.

23. (CURRENTLY AMENDED) The method of claim ~~20~~ 46,
wherein the data related to the entered ~~food intake~~ user
information includes time-related data.

24. (CANCELED).

25. (CURRENTLY AMENDED) The method of claim ~~24~~ 19, wherein the ~~microprocessor device~~ programmable microprocessor-based interactive unit is a handheld device.

26. (CURRENTLY AMENDED) The method of claim ~~25~~ 19, wherein the ~~microprocessor device~~ programmable microprocessor-based interactive unit is a ~~handheld~~ portable computer.

27. (CANCELED).

28. (CURRENTLY AMENDED) The method of claim ~~20~~ 19, wherein the memory includes a removable cartridge.

29. (CURRENTLY AMENDED) The method of claim ~~20~~ 19, further comprising processing health-related data to produce at least one report.

30. (ORIGINAL) The method of claim 29, wherein the report includes graphs and/or icons.

31. (ORIGINAL) The method of claim 29, wherein the report reflects data for a period of time.

32. (CURRENTLY AMENDED) The method of claim ~~20~~ 19, further comprising transmitting at least one message for display on ~~at least one microprocessor device's~~ said video display.

33. (ORIGINAL) The method of claim 32, wherein the message includes step-by-step instructions.

34. (ORIGINAL) The method of claim 32, wherein the message is educational or motivational.

35. (ORIGINAL) The method of claim 32, including causing the message to be transmitted to a specific patient.

36. (CURRENTLY AMENDED) The method of claim ~~20~~ 19, further comprising providing programs from the server for storage in a memory of and execution by at least one ~~microprocessor device~~ programmable microprocessor-based interactive unit.

37. (NEW) The system of claim 1, wherein the programmable microprocessor-based interactive unit is sufficiently compact to be carried by a user.

38. (NEW) The system of claim 1, wherein the microprocessor-based interactive unit communicates with said central server via RF transmission.

39. (NEW) The system of claim 1, wherein the monitoring device communicates with said central server via RF transmission.

40. (NEW) The system of claim 1, wherein the memory includes a program storage device.

41. (NEW) The system of claim 40, wherein the program storage device removably connects to a receptacle of said microprocessor device.

42. (NEW) The system of claim 41, wherein the program storage device comprises an insertable program card.

43. (NEW) The system of claim 1, wherein the memory further embodies data comprising one or more of names, addresses, phone numbers and appointments.

44. (NEW) The system of claim 1, wherein said program of instructions includes instructions for prompting a user to enter user information, receiving the entered user information and

causing communication of data related to the entered user
5 information to the central server.

45. (NEW) The system of claim 44, further comprising at
least one health care computer, remotely located from and in signal
communication with the central server to receive health related
data based on said user information related data received from the
5 programmable microprocessor-based interactive unit.

46. (NEW) The method of claim 19, wherein said program
of instructions includes instructions for prompting a user to enter
user information, receiving the entered said user information, and
communicating data related to the entered user information to the
5 central server.

47. (NEW) The method of claim 46, further comprising:
using at least one health care professional computer
remotely located from and in signal communication with the central
server to receive health related data based on the user information
5 related data received from the programmable microprocessor-based
interactive unit.

48. (NEW) The system of claim 1, wherein said digitally
encoded health signals are representative of a measurement selected

from a group of measurements comprising (i) a blood glucose measurement, (ii) a respiratory measurement, (iii) a blood pressure measurement, (iv) a weight measurement, (v) a pulse rate measurement and (vi) a body temperature measurement.

49. (NEW) The method of claim 19, wherein said monitoring device produces digitally encoded health signals representative of a measurement selected from a group of measurements comprising (i) a blood glucose measurement, (ii) a respiratory measurement, (iii) a blood pressure measurement, (iv) a weight measurement, (v) a pulse rate measurement and (vi) a body temperature measurement.